

## SEQUENCE LISTING

	Thursday.	
-110>	TRADEMAR TSang, Wen-Ghih	
<110>		
	Zheng, Tianli	
	Liu, Wei	
	AmCyte Inc.	
<120>	CD56 Positive Human Adult Pancreatic Endocrine	
	Progenitor Cells	
<130>	021164-000310US	
~14O>	US 10/658,437	
	2003-09-08	
<141>	2003-05-05	
7.50	VIG. 0 / 40.0 2.1.0	
	US60/409,310	
<151>	2002-09-06	
<160>	8	
<170>	PatentIn Ver. 2.1	
<210>	1	
<211>	20	
<212>		
	Artificial Sequence	
\Z13>	Altificial bequence	
<220>		
	Description of Artificial Sequence:RT-PCR forward	
<223>		
	primer for detection of human Pax4 paired-like	
	homeobox protein transcripts	
<400>	1	
gaggca	actgg agaaagagtt	20
<210>	2	
<210>		
<211>	20	
<211> <212>	20 DNA	
<211> <212>	20	
<211><212><213>	20 DNA	
<211><212><213><223>	DNA Artificial Sequence	
<211><212><213><223>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse	
<211><212><213><223>	Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like	
<211><212><213><223>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse	
<211><212><213><213><220><223>	Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts	
<211><212><213><223>	Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts	
<211><212><213><213> 220 223	Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts	20
<211><212><213><213> 220 223	20 DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts 2	20
<211><212><213><213> 220 223	20 DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts 2	20
<211><212><213><213> 220 223	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga	20
<211><212><212><213><220><223> 400 <acttga< td=""><td>DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga</td><td>20</td></acttga<>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga	20
<211><212><212><213> 223 223 400 acttga	Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agett ctcttgccga	20
<211><212><212><213> 220 <223> 400 <acttga< a=""><td>DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agett ctcttgccga</td><td>20</td></acttga<>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agett ctcttgccga	20
<211><212><212><213> 220 <223> 400 <acttga< a=""><td>Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agett ctcttgccga</td><td>20</td></acttga<>	Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agett ctcttgccga	20
<211><212><213> 220 223 223 223 223 223 223	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agett ctcttgccga	20
<211><212><212><213> 220 223 <400> <pre>acttga</pre> <210><211><212><213> <220>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga  3 20 DNA Artificial Sequence	200
<211><212><212><213> 220 223 <400> <pre>acttga</pre> <210><211><212><213> <220>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga  3 20 DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR forward	20
<211><212><212><213> 220 223 <400> <pre>acttga</pre> <210><211><212><213> <220>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga  3 20 DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR forward primer for detection of human progenitor marker	20
<211><212><212><213> 220 223 <400> <pre>acttga</pre> <210><211><212><213> <220>	DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR reverse primer for detection of human Pax4 paired-like homeobox proteintranscripts  2 agctt ctcttgccga  3 20 DNA Artificial Sequence  Description of Artificial Sequence:RT-PCR forward	20

<400>	3	
atgato	cetge etaagatgee	20
<210>		
<211>	21	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:RT-PCR reverse	
	primer for detection of human progenitor marker	
	transcription factor Hlxb9 homeobox gene	
	transcripts	
<400>	4	
ccattt	catc cgccggttct g	21
<210>	5	
<211>		
<212>		
	Artificial Sequence	
(2137	Artificial Sequence	
220		
<220>	D	
<223>	Description of Artificial Sequence:RT-PCR forward	
	primer for detection of human Glp-1R glucagon like	
	peptide receptor transcripts	
<400>		
gtgtgg	gegge caattactac	20
<210>	6	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: RT-PCR forward	
	primer for detection of human Glp-1R glucagon like	
	peptide receptor transcripts	
<400>	6	
	caagt ctgcatttga	20
00099	adge cegedeeegd	
<210>	7	
<211>		
<212>		
<213>	Artificial Sequence	
000		
<220>	n de la companya de l	
<223>	Description of Artificial Sequence:consensus	
	sequence of conserved family of hormones	
<220>		
	MOD_RES	
<222>		
<223>	Xaa = any amino acid	

```
<220>
<221> MOD_RES
<222> (3)
<223> Xaa = Ser or Thr
<220>
<221> MOD_RES
<222> (4)..(5)
<223> Xaa = any amino acid
<220>
<2,21> MOD_RES
<222> (6)
<223> Xaa = Leu, Ile, Val, Met, Phe or Tyr
<220>
<221> MOD_RES
<222> (7)
<223> Xaa = any amino acid
<220>
<221> MOD RES
<222> (8)
<223> Xaa = Leu, Ile, Val, Met, Ser, Thr or Ala
<220>
<221> MOD_RES
<222> (10)..(14)
<223> Xaa = any amino acid
<220>
<221> MOD_RES
<222> (15)
<223> Xaa = Thr, Ala, Leu, Ile or Val
<220>
<221> MOD RES
<222> (16)..(22)
<223> Xaa = any amino acid
<220>
<221> MOD RES
<222> (23)
<223> Xaa = Leu, Ile, Val, Met, Phe or Tyr
<220>
<221> MOD_RES
<222> (24)..(29)
<223> Xaa = any amino acid
<220>
<221> MOD_RES
<222> (30)
<223> Xaa = Leu, Ile, Val, Met, Phe or Tyr
<220>
<221> MOD_RES
<222> (31)..(32)
<223> Xaa = any amino acid
```

```
<220>
<221> MOD RES
<222> (33)
<223> Xaa = Ser, Thr or Ala
Cys Xaa Xaa Xaa Xaa Xaa Xaa Pro Xaa Xaa Xaa Xaa Xaa Xaa Xaa
                                   10
Xaa Trp
<210> 8
<211> 18
<212> PRT
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:consensus
     sequence of conserved family of hormones
<220>
<221> MOD_RES
<222> (2)
<223> Xaa = Leu, Ile, Val, Met, Phe or Tyr
<220>
<221> MOD RES
<222> (3)..(4)
<223> Xaa = any amino acid
<220>
<221> MOD RES
<222> (6)
<223> Xaa = Leu, Ile, Val, Met, Phe, Tyr, Ser, Thr or Ala
<220>
<221> MOD RES
<222> (7)..(11)
<223> Xaa = any amino acid
<220>
<221> MOD_RES
<222> (12)
<223> Xaa = Leu, Ile, Val, Met, Phe or Tyr
<220>
<221> MOD_RES
<222> (13)..(14)
<223> Xaa = any amino acid
<220>
<221> MOD_RES
<222> (15)
<223> Xaa = Leu, Ile, Val, Met, Phe, Tyr or Thr
```

Xaa Cys